

USE OF CHIMERIC NUCLEASES TO STIMULATE GENE TARGETING

ABSTRACT OF THE DISCLOSURE

5 Gene targeting is a technique to introduce genetic change into one or more
specific locations in the genome of a cell. For example, gene targeting can introduce
genetic change by modifying, repairing, attenuating or inactivating a target gene or
other chromosomal DNA. In one aspect, this disclosure relates to methods and
compositions for gene targeting with high efficiency in a cell. This disclosure also
10 relates to methods of treating or preventing a genetic disease in an individual in need
thereof. Further disclosed are chimeric nucleases and vectors encoding chimeric
nucleases.

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